

MPA_Inventory_GIS_Database

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What does this data set describe?

Title: MPA_Inventory_GIS_Database

Abstract:

The MPA Inventory is a comprehensive catalog that provides detailed information for existing marine protected areas in the United States. The inventory provides geospatial boundary information (in polygon format) and classification attributes that seek to define the conservation objectives, protection level, governance and related management criteria for all sites in the database. The comprehensive inventory of federal, state, and territorial MPA sites provides governments and stakeholders with access to information to make better decisions about the current and future use of place-based conservation. The information also will be used to inform the development of the national system of marine protected areas as required by Executive Order 13158.

1. How should this data set be cited?

NOAA's Marine Protected Areas Center, March 2008,
MPA_Inventory_GIS_Database.

Online Links:

- o \\OCRM-L-1401347\C\$\MMA\MMA_ALL\onWeb
\MPA_Inventory_GIS_Database.shp

2. What geographic area does the data set cover?

West_Bounding_Coordinate: -180.000000

East_Bounding_Coordinate: 180.000000

North_Bounding_Coordinate: 70.329973

South_Bounding_Coordinate: -14.609461

3. What does it look like?

4. Does the data set describe conditions during a particular time period?

Calendar_Date: March 2008

Currentness_Reference: publication date

5. What is the general form of this data set?

6. How does the data set represent geographic features?

a. How are geographic features stored in the data set?

This is a Vector data set. It contains the following vector data types (SDTS terminology):

- G-polygon (1372)

b. What coordinate system is used to represent geographic features?

The map projection used is Eckert IV.

Projection parameters:

Planar coordinates are encoded using coordinate pair

Abcissae (x-coordinates) are specified to the nearest 0.000000

Ordinates (y-coordinates) are specified to the nearest 0.000000

Planar coordinates are specified in meters

The horizontal datum used is D_WGS_1984.

The ellipsoid used is WGS_1984.

The semi-major axis of the ellipsoid used is 6378137.000000.

The flattening of the ellipsoid used is 1/298.257224.

7. How does the data set describe geographic features?

MPA_Inventory_GIS_Database

Site_Name

Name of the Site (Source: Governing Agency)

Gov_Level

Government Level - What level of government controls jurisdiction over the site, its holdings and policies. (Source: Governing Agency)

SITE_NAME

GOV_LEVEL

SITE_ID

Identification given to each site for record keeping and data management (Source: MPAC)

PROTECT_SC

Scale of Protection

Value	Definition
ES	Ecosystem Scale
FS	Focal Scale

PROTECT_LE

Protection Level (Source: MPAC)

Value	Definition
NAL	No access MPAs restrict all human access in order to prevent potential ecological disturbance. Types of no access MPAs are those that protect marine animals during sensitive life stages, or serve as areas for research in the absence of any human activities
NIL	No Impact MPAs or zones that allow human access, but that prohibit all activities that could harm the site's resources or disrupt the ecological or cultural services they provide.
NTL	No Take MPAs or zones that allow human access and even some potentially harmful uses, but that totally prohibit the extraction or significant destruction of natural or cultural resources.
UML	Uniform Multiple Use MPAs or zones with a consistent level of protection and allowable activities, including certain extractive uses, across the entire protected area.
ZML	Zoned Multiple Use MPAs that allow some extractive activities throughout the entire site, but that use marine zoning to allocate specific uses to compatible places or times in order to reduce user conflicts and adverse impacts.
ZNL	Zoned Multiple-Use With No-Take Area(s) are Multiple-use MPAs that contain at least one legally established management zone in which all resource extraction is prohibited.

CONSTANCY

Constancy of Protection

Value	Definition
YP	Year Round Protection
RP	Rotational Protection
SP	Seasonal Protection

CONSERV_FO

Conservation Focus

Value	Definition
CH	Cultural Heritage MPAs or zones established and managed wholly or in part to protect and understand submerged cultural resources that reflect the nation's maritime history and traditional cultural connections to the sea.
NH	Natural Heritage MPAs or zones established and managed wholly or in part to sustain, conserve, restore, and understand the protected area's natural biodiversity, populations, communities, habitats, and ecosystems; the ecological and physical processes upon which they depend; and, the ecological services, human uses and values they provide to this and future generations.
SP	Sustainable Production MPAs or zones established and managed wholly or in part with the explicit purpose of supporting the continued extraction of renewable living resources (such as fish, shellfish, plants, birds, or mammals) that live within the MPA, or that are exploited elsewhere but depend upon the protected area's habitat for essential aspects of their ecology or life history.
NHCH	Natural Heritage and Cultural Heritage
NHSP	Natural Heritage and Sustainable Production

PRIMARY_CF

Primary Conservation Focus

Value	Definition
NH	Natural Heritage MPAs or zones established and managed wholly or in part to sustain, conserve, restore, and understand the protected area's natural biodiversity, populations, communities, habitats, and ecosystems; the ecological and physical processes upon which they depend; and, the ecological services, human uses and values they provide to this and future generations.
CH	Cultural Heritage MPAs or zones established and managed wholly or in part to protect and understand submerged cultural resources that reflect the nation's maritime history and traditional cultural connections to the sea.
SP	Sustainable Production MPAs or zones established and managed wholly or in part with the explicit purpose of supporting the continued extraction of renewable living resources (such as fish, shellfish, plants, birds, or mammals) that live within the MPA, or that are exploited elsewhere but depend upon the protected area's habitat for essential aspects of their ecology or life history.

FISH_RESTR

Fishing Restrictions

Value	Definition
NoRstr	No Restrictions to Fishing
ProAll	All Fishing Prohibited
ProCom	Commercial Fishing Prohibited
ProRec	Recreational Fishing Prohibited
ResAll	All Fishing Restricted
ResCom	Commerical Fishing Restricted
ResRec	Recreational Fishing Restricted
UnRstr	Fishing Unrestricted

FID

Internal feature number. (Source: ESRI)

Sequential unique whole numbers that are automatically generated.

Shape

Feature geometry. (Source: ESRI)

Coordinates defining the features.

ESTABLISH_

Year Site was Established

PERMANENCE

Permanence of Protection

Value	Definition
PP	Permanent Protection
CP	Conditional Protection

areakm

Who produced the data set?

1. **Who are the originators of the data set?** (may include formal authors, digital compilers, and editors)

- o NOAA's Marine Protected Areas Center

2. **Who also contributed to the data set?**

NOAA Marine Protected Areas Center in joint effort with the US Department of the Interior

3. **To whom should users address questions about the data?**

GIS Manager
NOAA MPAC

Why was the data set created?

The inventory represents a collection of data compiled from various federal, state, tribal and territorial entities to provide a publicly available source of comprehensive information on place-based marine conservation efforts under U.S. federal, state, territorial, local, and tribal jurisdiction.

How was the data set created?

- 1. From what previous works were the data drawn?**
- 2. How were the data generated, processed, and modified?**

(process 1 of 2)

Metadata created.

Data sources used in this process:

- C:\MMA\MMA_ALL\Feb2008\MMA_all_0208.shp.xml

(process 2 of 2)

Metadata imported.

Data sources used in this process:

- C:\MMA\MMA_ALL\MarineProtectedAreasInventory_March2008.shp.xml

- 3. What similar or related data should the user be aware of?**
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How reliable are the data; what problems remain in the data set?

- 1. How well have the observations been checked?**

2. **How accurate are the geographic locations?**
3. **How accurate are the heights or depths?**
4. **Where are the gaps in the data? What is missing?**

The inventory is complete as of March 2008. New and/or altered sites that are not currently present in the database will be added annually, as data are made available. Please note that site inclusion into the MPA inventory required that the site meet specific definition and conservation criteria that are thoroughly detailed on the www.mpa.gov website.

5. **How consistent are the relationships among the observations, including topology?**

Inventory data were collected from various sources at various spatial scales. The datasets collected were not resampled and are presented in their original form as provided from the contributing agencies, with the exception for a variety of sites that were drawn from coordinates provided by governing agencies.

How can someone get a copy of the data set?

Are there legal restrictions on access or use of the data?

Access_Constraints:

These data are to be made publically accessible and downloadable via hyperlink on the WWW.

Use_Constraints:

The data are not to be used for navigation. For more information, see the accuracy section.

1. **Who distributes the data set?** (Distributor 1 of 1)

MPAC GIS Manager

2. **What's the catalog number I need to order this data set?**

Downloadable Data

3. **What legal disclaimers am I supposed to read?**

The MPA Center shall not be held liable for improper or incorrect use of the data described and/or contained in this database. These data and related graphics are not legal documents and are not intended to be used as such. The information contained in these data is dynamic and may change over time. The data are not better than the original sources from which they were derived. It is the responsibility of the data user to use the data appropriately and within the limitations of geospatial data in general, and these data in particular.

4. How can I download or order the data?

- **Availability in digital form:**

Data format: Size:
135.891

- **Cost to order the data:**

Who wrote the metadata?

Dates:

Last modified: 06-May-2008

Metadata author:

NOAA Marine Protected Areas Center
c/o MPAC GIS Manager
99 Pacific Street, Suite 100G
Monterey., CA 93940

MPAINVENTORY@NOAA.GOV

Metadata standard:

FGDC Content Standards for Digital Geospatial Metadata (FGDC-STD-001-1998)

Metadata extensions used:

- <http://www.esri.com/metadata/esriprof80.html>